IP4B-DLTH-RBD-NL

Quick Guide

IP4B-DLTH-RBD-NL

Quick Guide V2.02

Preface

The content of this section is designed to ensure that users use the product correctly to prevent dangers or property loss caused by improper operation. Before using this product, be sure to read this manual carefully. Please keep this manual properly for future reference.

About This Manual

- We recommend that you use this manual under the guidance of a professional.
- This manual is designed for use with multiple product models, and it is not possible to list the appearance and functions of each product individually. Please refer to the actual product for use.
- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.
- Despite our best efforts, technical or typographical errors may exist in this manual. Our company cannot be held responsible for any such errors and reserves the right to change the manual without prior notice.
- Users are fully responsible for the damages and losses that arise due to improper operation.
- Our company reserves the right to change any information in this manual without any prior notice or indication. Due to such reasons as product version upgrade or regulatory requirement of relevant regions, this manual will be periodically updated.
- This manual will be updated in real time according to the laws and regulations of the relevant regions. For specific details, please refer to the product's paper copy, QR code, or official website. In case of any discrepancy between the paper copy and the electronic version, the electronic version shall prevail.

About This Product

If the product you have chosen is a video product, please strictly adhere to the applicable laws and regulations. You can visit our official website to inquire about the relevant content.

Instructions for Use

- This document serves as a guide for use only. All statements, information, and suggestions contained in this document do not constitute any express or implied warranty.
- We assume no responsibility for any special, incidental, consequential, or indirect damages resulting from the use of this manual or the use of our products, including but not limited to losses due to loss of business profits, data or document loss, and product malfunction or information leakage caused by cyber-attack, hacker attack, and virus infections.
- Due to uncertain factors such as the physical environment, there may be discrepancies between the actual values of some data and the reference values provided in the manual. In case of any questions or disputes, the company's final interpretation shall prevail.

Formatting Conventions

The UI formatting conventions used in this document are as follows:

Format	Meaning
Bold	Bold means UI elements (button names, menu names, window names, etc.), e.g., Click Save.
>	Indicate a sequence of actions, e.g., click Device Management > Add Device, which means first click Device Management, and then click Add Device.

Symbol Conventions

This document uses various distinctive symbols to highlight areas that require special attention during the operation process. The meanings of these symbols are as follows:

Symbol	Meaning
NOTE	Provides tips and additional information related to the operation and use of the product.
CAUTION	Alerts to matters that requires attention during operation, as improper handling may lead to product damage, data loss, or functional abnormalities.
WARNING	The annotations following this symbol demand extra attention, as improper handling could potentially cause personal injury.

Legal Statement

Copyright Statement

All parts of this document, including but not limited to text, images, and graphics, are copyrighted and belong to our company (hereinafter referred to as "we" "us"). Without our written permission, no organization or individual may excerpt, copy, translate, modify, or disseminate any part or all of the content of this manual in any form.

The products described in this manual may contain software copyrighted by us and any potential licensors. Without the permission of the relevant rights holders, no one may copy, distribute, modify, excerpt, decompile, disassemble, decrypt, reverse engineer, rent, transfer, sublicense, or engage in any other actions that infringe upon the software copyright in any form.

Export Compliance Statement

Our company complies with applicable export control laws and regulations worldwide, including that of the People's Republic of China and the United States, and abides by relevant regulations relating to the export, re-export and transfer of hardware, software and technology. Regarding the product described in this manual, Our company asks you to fully understand and strictly abide by the applicable export laws and regulations worldwide.

Disclaimer of Liability

- We assume no responsibility and offer no compensation for any special, incidental, consequential, or indirect damages resulting from the use of this manual or our products, including but not limited to losses related to lost business profits, data, or document loss.
- The product described in this manual is provided on an "as is" basis. Unless required by applicable law, this manual is only for informational purpose, and all statements, information, and recommendations in this manual are presented without warranty of any kind, expressed or implied, including, but not limited to, merchantability, satisfaction with quality, fitness for a particular purpose, and noninfringement.
- Users must assume total responsibility and all risks for connecting the product to the Internet, including, but not limited to, network attack, hacking, and virus. We strongly recommend that users take all necessary measures to enhance the protection of network, device, data and personal information. Our company disclaims any liability related thereto but will readily provide necessary security related support.
- To the extent not prohibited by applicable law, in no event will our company and its employees, licensors, subsidiary, affiliates be liable for results arising out of using or inability to use the product or service, including, not limited to, loss of profits and any other commercial damages or losses, loss of data, procurement of substitute goods or services; property damage, personal injury, business interruption, loss of business information, or any special, direct, indirect, incidental, consequential, pecuniary, coverage, exemplary, subsidiary losses, however caused and on any theory of liability, whether in contract, strict liability or tort (including negligence or otherwise) in any way out of the use of the product, even if our company has been advised of the possibility of such damages (other than as may be required by applicable law in cases involving personal injury, incidental or subsidiary damage).
- To the extent allowed by applicable law, in no event shall our total liability to you for all damages for the product described in this manual (other than as may be required by applicable law in cases involving personal injury) exceed the amount of money that you have paid for the product.
- When using this product, please strictly adhere to the applicable laws and regulations to avoid infringing upon the rights of third parties, including but not limited to intellectual property rights, data rights, or other privacy rights. You must also not use this product for the purposes of developing or facilitating the use of weapons of mass destruction, biological or chemical weapons, nuclear weapons, or for any other purposes that violate international norms and regulations.

Privacy Protection Reminder

Our company complies with appropriate privacy protection laws and is committed to protecting user privacy. You may want to read our full privacy policy at our website and get to know the ways we process your personal information. Please be aware, using the product described in this manual may involve the collection of personal information such as face, fingerprint, license plate number, email, phone number, GPS. Please abide by your local laws and regulations while using the product.

Safety Precautions

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

Storage, Transportation, and Use

- Store or use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure the device is securely installed or placed on a flat surface to prevent falling.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.
- Do not remove the seal from the device body without consulting our company first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.

Power Requirements

- Install and use the device in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.
- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.
- Ground your device properly if the device is intended to be grounded.

Battery Safety

Please use batteries properly; otherwise, there is a risk of fire or explosion.

- Warning: Using incorrect battery models can lead to explosion.
- If you need to replace the battery, it is recommended that you go to an authorized service center or have it replaced under professional supervision. We shall not be held responsible for any issues arising from unauthorized battery replacement.
- When replacing the battery, be sure to use a battery of the same type as the original! Using the wrong model for replacement (such as certain types of lithium batteries) may cause safety protection to fail.
- Batteries must not be exposed to overheat environments such as sunlight, fire, as this may lead to fire, explosion, or combustion.

- Do not dispose of batteries in fire or heating appliances. Do not squeeze, bend, or cut batteries, as it may cause explosion.
- Do not expose batteries to extremely high or low temperatures, or to very low-pressure environments, as this may cause explosion or leakage of flammable liquid/gas.
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.
- For products or the included remote control containing a button cell battery: Do not ingest the battery - chemical burn hazard! If swallowed, a button cell battery can cause severe internal burns within 2 hours and may be fatal. Precautions (including but not limited to):
- Keep new and used batteries away from children.
- Stop using the product and keep it away from children if the battery compartment is not securely closed.
- If you suspect that a battery may have been swallowed or inserted inside any part of the body, seek immediate medical attention.

Network Security

Please take all necessary measures to enhance network security for your device.

The following are necessary measures for the network security of your device:

- Change default password and set strong password: You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters including all three elements: digits, letters and special characters.
- Do not include the account name or the reverse of the account name.
- Avoid using consecutive characters, such as 123, abc, etc.
- Do not use overlapping characters, such as 111, aaa, etc.
- Keep firmware up to date: It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit our official website or contact your local dealer for the latest firmware.

The following are recommendations for enhancing network security of your device:

- Change password regularly: Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.
- Enable HTTPS/SSL: Use SSL certificate to encrypt HTTP communications and ensure data security.
- Enable IP address filtering: Allow access only from the specified IP addresses.
- Minimum port mapping: Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- Disable the automatic login and save password features: If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.
- Choose username and password discretely: Avoid using the username and password of your social media, bank, email account, etc., as the username and password of your device, in case your social media, bank and email account information is leaked.
- Restrict user permissions: If more than one user needs access to your system, make sure each user is granted only the necessary permissions.

- Disable UPnP: When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- Multicast: Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- Check logs: Check your device logs regularly to detect unauthorized access or abnormal operations.
- Isolate video surveillance network: Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.
- Physical protection: Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- SNMP: Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.

Avertissement de l'utilisation de la batterie

Lorsque utiliser la batterie, évitez:

- Température et pression d'air extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport.
- Remplacement de la batterie.

Utilisez la batterie correctement. Mauvaise utilisation de la batterie comme celles mentionnées ici, peut entraîner des risques d'incendie, d'explosion ou de fuite liquide de gaz inflammables.

- Remplacer la batterie par un type incorrect;
- Disposer d'une batterie dans le feu ou un four chaud, écraser mécaniquement ou couper la batterie;

Disposer la batterie utilisée conformément à vos règlements locaux ou aux instructions du fabricant de la batterie.

Personal safety warnings:

- Chemical Burn Hazard. This product contains a coin cell battery. Do NOT ingest the battery. It can cause severe internal burns and lead to death.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Avertissements de sécurité personnelle:

- Risque de brûlure chimique. Ce produit contient une batterie de cellules. N'ingérer pas la batterie. Si la batterie de cellule est avalée, elle peut causer de graves brûlures internes en seulement 2 heures et peut entraîner la mort.
- Gardez les batteries nouvelles ou utilisées à l'écart des enfants.
- Si le compartiment de la batterie ne se ferme pas en toute sécurité, cessez d'utiliser le produit et gardez-le à l'écart des enfants.
- Si vous pensez que des piles ont pu être avalées ou placées à l'intérieur d'une partie du corps, consultez immédiatement un médecin.

Regulatory Compliance

FCC Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that

may cause undesired operation.

> **CAUTION**
> The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

> **NOTE**
> This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LVD/EMC Directive

This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

WEEE Directive – 2012/19/EU

The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

Battery Regulation – (EU) 2023/1542

Battery in the product complies with the European Battery Regulation (EU) 2023/1542. For proper recycling, return the battery to your supplier or to a designated collection point.

Waterproof Requirements

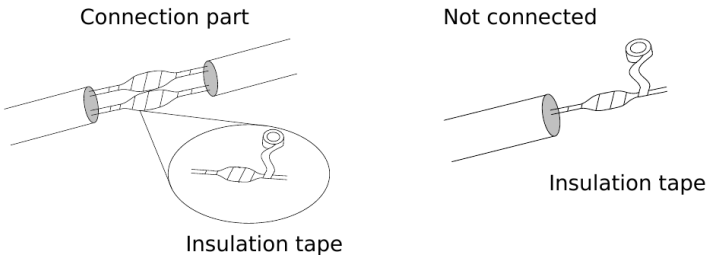
To effectively protect the device from water ingress, please ensure waterproof treatment is applied to all cables and interfaces. The following steps are for reference only. Actual construction should be flexibly adjusted according to the on-site environment.

Device failures caused by inadequate waterproofing measures are not covered under the warranty. Thank you for your understanding and cooperation.

Pre-processing

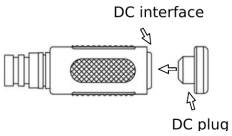
Before applying waterproofing, ensure all necessary cables are connected, and trim off the exposed copper wires from any unused cables.

1. Wrap the cables with insulation tape (purchased separately).



Connection part vs. not connected — insulation tape.

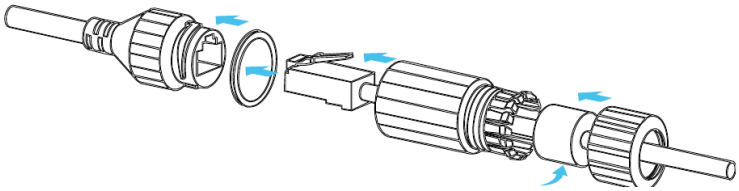
1. Use a DC plug to waterproof any unused DC interfaces. Ignore this step if the device does not have this interface.



DC interface — DC plug.

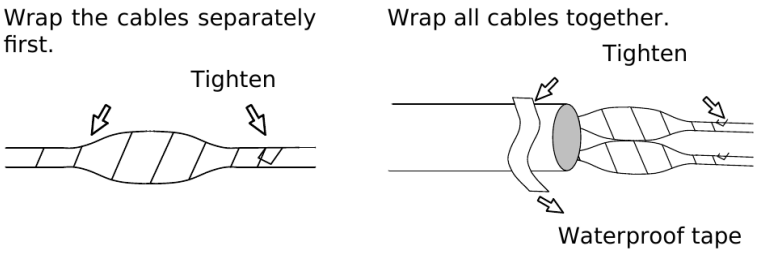
Waterproofing

1. Use the waterproof components included in the box to waterproof the network cable. Slide the waterproof components onto the cable in the order shown in the diagram.



1. Use waterproof tape (purchased separately) to waterproof the cables and interfaces.

- Fully stretch the waterproof tape towards both ends.
- Wrap the stretched tape tightly around the cable connection part or cable ends. Make sure the tape is fully stretched during the process.
- Tighten the tape at both ends to prevent water ingress.



Wrap the cables separately first, then wrap all cables together and tighten.

1. (Optional) Place the waterproofed cable into a waterproof junction box (purchased separately).

> ⓘ **CAUTION**
>
> All cable connections must not be exposed and must not come into contact with liquid water.
>
> Opened devices must be restored and securely fastened.
>
> Place the power adapter inside the power distribution box.

1 Packing List

Contact your local dealer if the package is damaged or incomplete. The package contents may vary with device model.

No.	Name	Qty	Unit
1	Camera	1	PCS
2*	Waterproof components (1)	1	Set
3*	Screw components (2)	1	Set
4*	Mount accessories (3)	1	Set
5	User manual	1	Set

Remarks:

- * means optional and supplied with certain models only.
- (1) Including one or more waterproof components such as tape and plug.
- (2) Including one or more items from screws, hex key, etc.
- (3) Including one or more items from drill template, tripod, bracket adapter, adaptor plate, antistatic gloves, etc.

2 Safety and Compliance Information

Installation Precautions

- Do not hold the tail cable by hand for weight bearing. Otherwise, the cable connector of the camera could be loosened.
- When connecting to an external interface, ensure that the cable terminal (latch or clamp) is in good condition and properly fastened. Ensure that the cable is not tense during mounting, with a proper margin reserved to avoid poor port contact or loosening caused by shock or shake.
- Do not overbend or drag cables during installation; otherwise, poor cable contact may cause malfunction.
- For thermal cameras: Do not point the lens directly at the sun, as this can cause permanent damage to the sensor. During installation, ensure the protective lens sticker/cover remains intact until the camera is securely mounted. After installation, remove the sticker/cover and verify that the sun is not in the thermal imaging field of view.
- Protect the cables and connecters from damage.
- Make sure the device is always properly grounded.
- Do not aim the lens to any strong light source such as the sun or an incandescent lamp. It may cause permanent damage to the lens.
- To protect the transparent dome cover from friction, scratch and stain, do not remove the protective film from the cover until mounting is finished.
- The installation environment should avoid entrance and exit, reflective objects like mirrors, air conditioning outlets and heat sources.

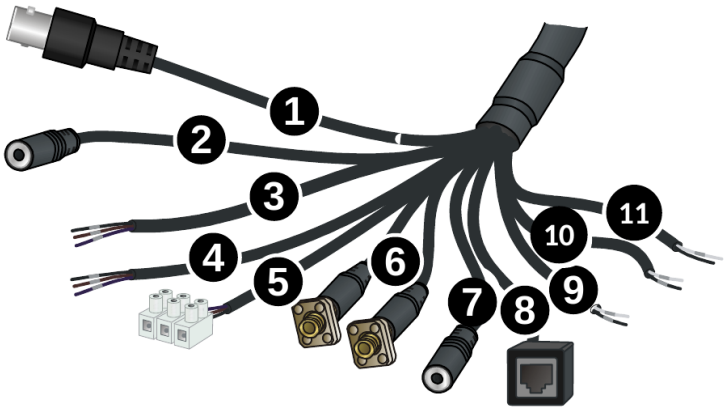
> **NOTE**
> Please install the camera in strict accordance with the site survey and commissioning guide.

Maintenance Precautions

- If there is dust on the front glass surface, remove the dust gently using an oil-free brush or a rubber dust blowing ball.
- If there is grease or a dust stain on the front glass surface, clean the glass surface gently from the center outward using anti-static gloves or an oil-free cloth. If the grease or the stain still remains, use anti-static gloves or an oil-free cloth dipped with detergent and clean the glass surface gently until it is clean.
- Do not use organic solvents (benzene, alcohol, etc) to clean the camera.
- Make sure the cloth is clean itself.

3 Tail Cable

Tail cables may vary with the device model. The figure below is an example. Please connect cables by referring to the table below.



Interface	Description	Interface	Description
1	Monitor	2	Audio input
3	Alarm input 1	4	Alarm input 2
5	Power/Grounding	6	Fiber
7	Audio output	8	Network
9	RS 485	10	Alarm output 1
11	Alarm output 2	-	-

NOTE

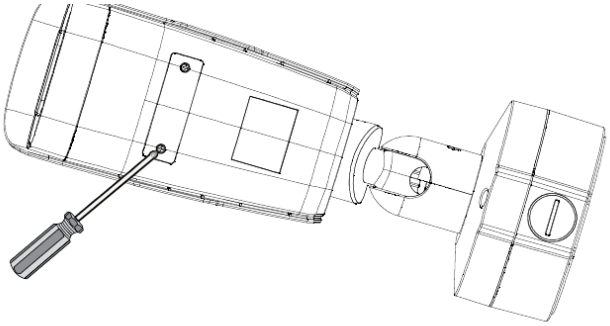
Please refer to the latest product datasheet for detailed specifications.

4 Installation

(Optional) Install SD Card

> **NOTE**
> Please format the Micro SD card before use. The Micro SD card can be formatted on the camera's Web interface.
> For recommended SD card specifications, please contact your dealer or technical support.
> The figure below is for illustrative purpose only. The actual device may vary.

You need to install a Micro SD card first if you want to save video on an on-board SD card. You need to use a Philips screwdriver to open the back cover of the camera first. Before you insert or remove the Micro SD card, be sure to disconnect power and wait till the camera stops operation; otherwise, the camera or the Micro SD card may be damaged.

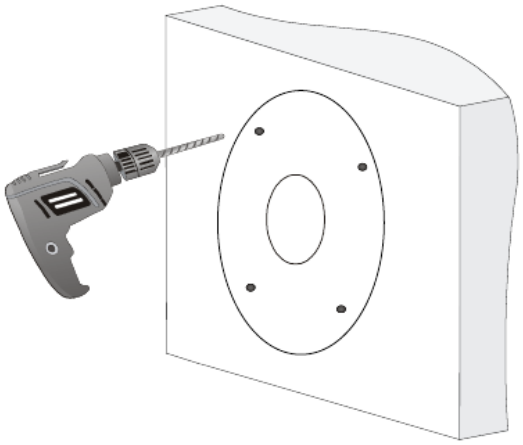


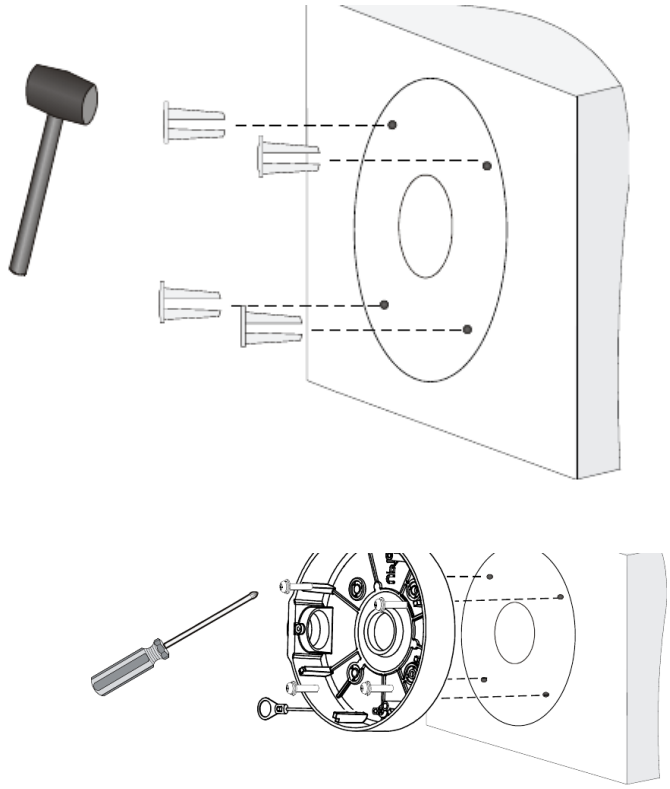
Install the Camera

Model 1

Wall Mount

1. Use the drilling template and a 6-6.5mm drill bit to drill 30 mm-depth holes on the wall.
2. Knock the plastic rivets into the holes.
3. Use screws to fix the backbox onto the wall.

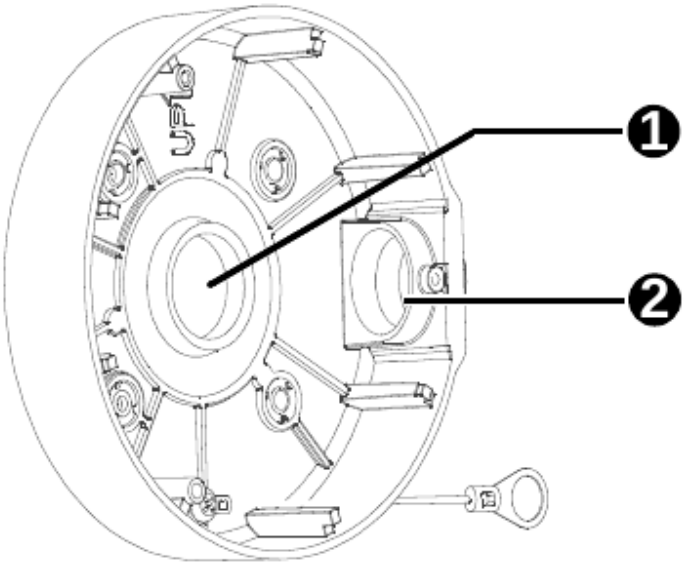




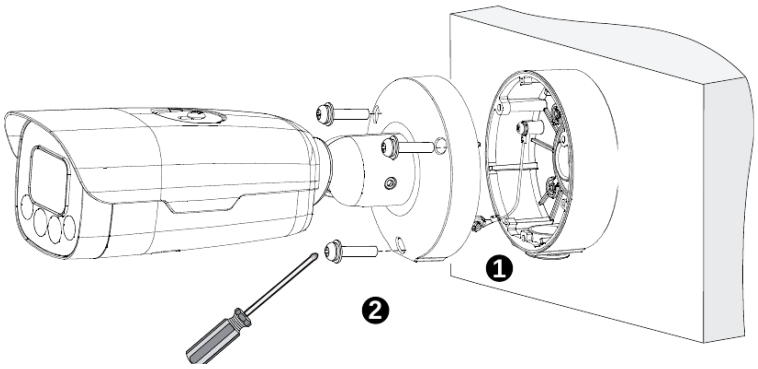
NOTE

To conceal the cables, drill a cable hole on the wall and lead the cables out from the outlet (1), otherwise, directly lead the cables out from the outlet (2).

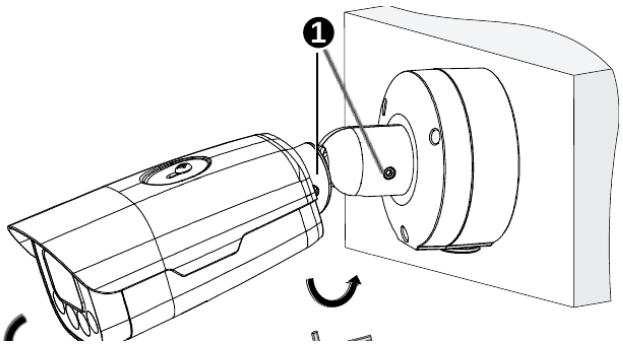
To lead the cables out from the outlet (2), remove the cover of the outlet (2) and install the cover to the outlet (1) for waterproofing.



4. Install the camera: hang the ring in the backbox on the hook at the bottom of the camera to secure the camera in place, then use screws to fix the camera onto the backbox.



5. Adjust monitoring direction: loosen the hex fillister-head screws on the universal joint using a 4# hex L-key, adjust the camera to desired monitoring direction, and then tighten the screws (1: hex fillister-head screw).

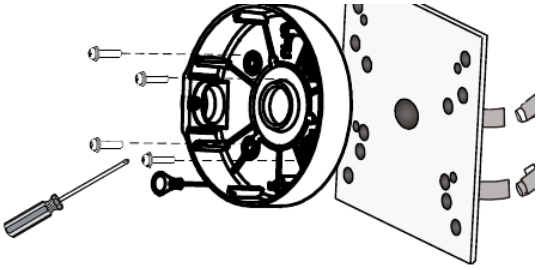


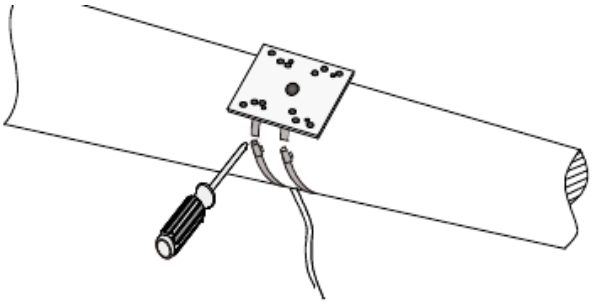
6. If this is a thermal camera, please remove the protective sticker/cover from the lens.

Pole Mount

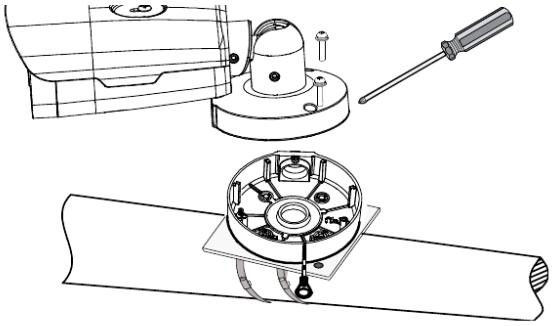
1. Use screws to fix the backbox onto the strap.

2. Mount the strap to the pole and fasten the strap. Lead the cables out through the pole.





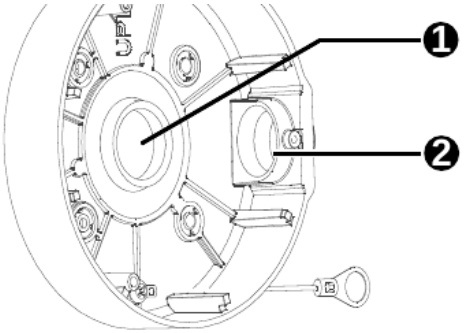
3. Install the camera: hang the ring in the backbox on the hook at the bottom of the camera to secure the camera in place, then use screws to fix the camera onto the backbox.



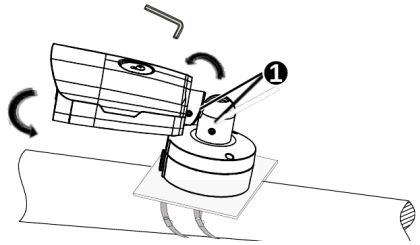
NOTE

To conceal the cables, drill a cable hole on the pole and lead the cables out from the outlet (1), otherwise, directly lead the cables out from the outlet (2).

To lead the cables out from the outlet (2), remove the cover of the outlet (2) and install the cover to the outlet (1) for waterproofing.



4. Adjust monitoring direction: loosen the hex fillister-head screws on the universal joint using a 4# hex L-key, adjust the camera to desired monitoring direction, and then tighten the screws (1: hex fillister-head screw).
5. If this is a thermal camera, please remove the protective sticker/cover from the lens.



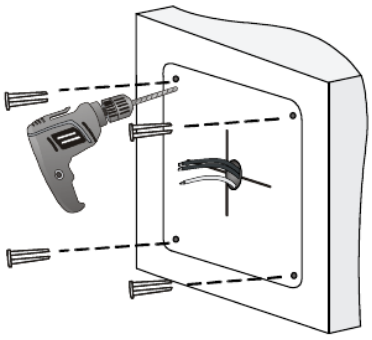
Model 2

Wall Mount

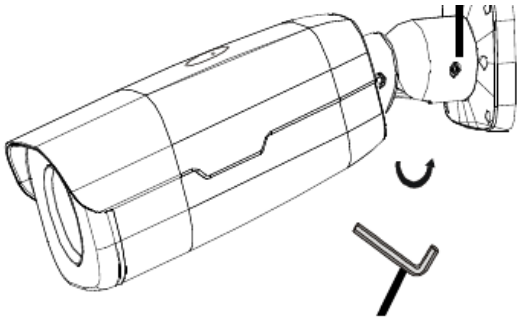
NOTE

In the following method, the tail cables pass through the wall. If you do not want the cables to pass through the wall, pass the cables through the cable outlets on the camera base.

1. Drill holes on the wall: paste the positioning sticker on the wall, then use a 6-6.5mm drill bit to drill 30 mm-depth guide holes according to the positions marked by the sticker. Knock the plastic rivets into the guide holes and ensure that they are tightened up. Then lead the cables across the hole on the wall.

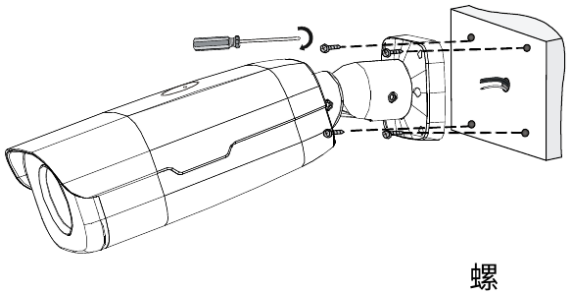


2. Adjust monitoring direction: loosen the screws on the universal joint, adjust the camera to desired monitoring direction, and then tighten the screws. In the figure below, 1 is hex fillister-head screw, 2 is a 4# hex L-key.



> **CAUTION**
> Do not turn the camera with the universal joint fastened.

3. Mount the camera onto the wall: connect all the cables, lead the self-tapping screws through the guide holes on the base and fix them on the wall by using a screwdriver.

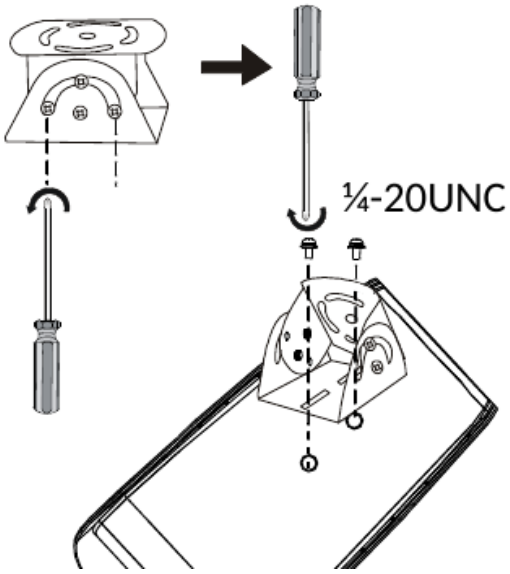


4. If this is a thermal camera, please remove the protective sticker/cover from the lens.

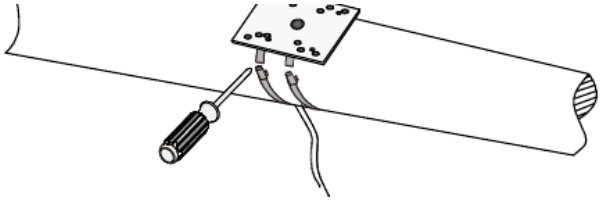
Straight Arm Mount

> **NOTE**
> The universal joint and the loop should be purchased separately.

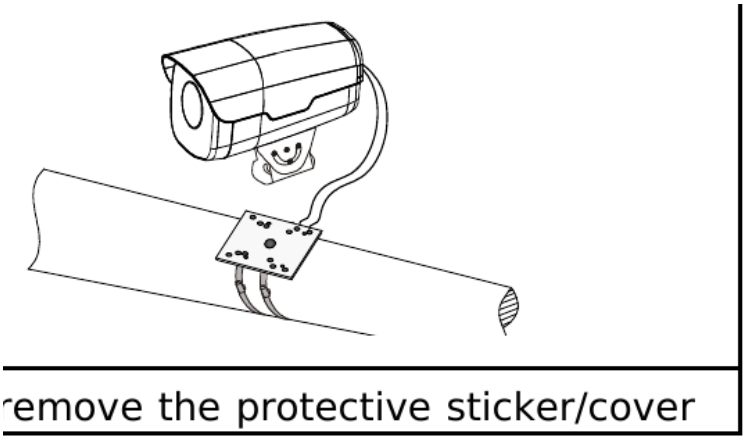
1. Fasten the universal joint to the installation hole on the camera. Loosen two screws on the universal joint.



2. Mount the loop to the pole arm, then fasten the loop. Lead the cables through the standing pole and out through the arm bar.



3. Fasten the device and universal joint to the loop, adjust monitoring direction, and connect all cables.

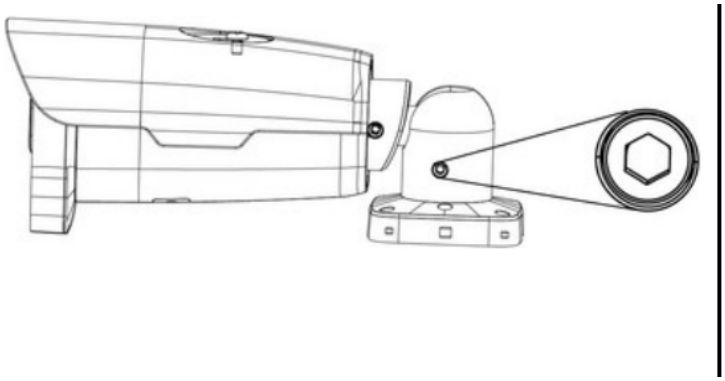


4. If this is a thermal camera, please remove the protective sticker/cover from the lens.

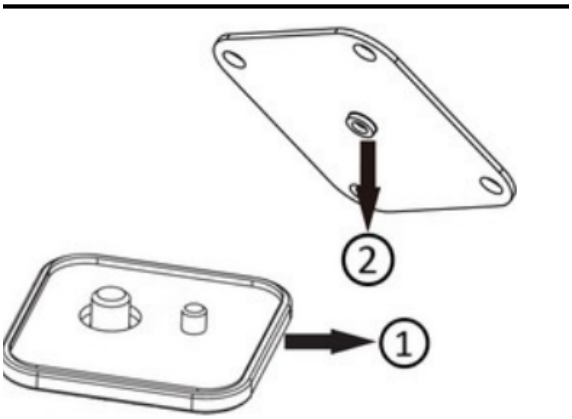
> **NOTE**
> For a varifocal camera, you need to adjust the lens to get clear image.

Tripod Mount

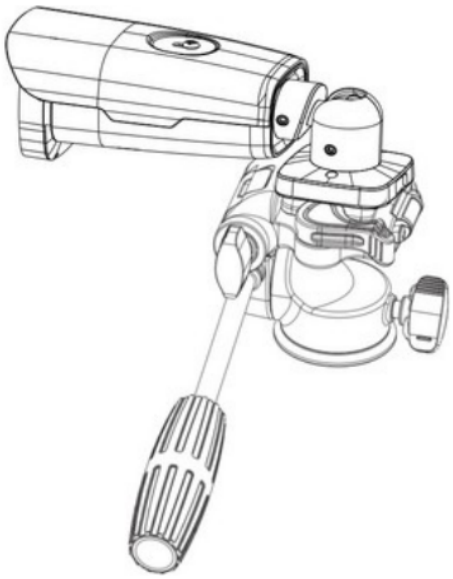
1. Adjust monitoring direction: loosen the hex fillister-head screw on the universal joint with a 4# hex L-key first, adjust the camera to desired monitoring direction, and then tighten the screws.



2. Install the adaptor plate: remove the mounting plate, and turn the adaptor plate to connect it to the mounting plate. In the figure below, 1 is mounting plate, 2 is adaptor plate.



3. Mount the device: arrange the tail cables and lead them through the cabling hole on the camera base, insert the screws into the guide holes on the base and fix them to the adaptor plate with a screwdriver, then mount the camera to the PT mount.
4. Adjust the tripod: install the PT mount to the tripod, and adjust the tripod to desired monitoring direction.



5. If this is a thermal camera, please remove the protective sticker/cover from the lens.

5 Startup

After you have installed the device, connect the device to power to start up the device.

6 Web Login

Default IP address: 192.168.1.13

Default username/password: admin / 123456

> **NOTE**
> For security, please set a strong password of at least nine characters including uppercase and lowercase letters, digits, and special characters. You are strongly recommended to regularly change the device password and keep it secure to ensure that only authorized users can log in.

7 FAQ

1. The system does not prompt me to install the plug-in at my first login on Win 7.

Follow the steps to turn off UAC on your computer: open Control Panel. Type uac in the search box, and then click Change User Account Control Settings. Drag the slider to Never Notify and then click OK. After UAC is turned off, please log in again.

2. Failed to install the plug-in?

Before you log in, follow the steps to add the camera's IP to the trusted sites in your IE: Click Tool > Internet Options > Security. Click Trusted sites, click Sites, and then add the camera's IP address. If you are using Win 7, you also need to save the setup.exe to your computer first, and then right-click the file and select Run as administrator.

3. No live video after my first login?

Please turn off the firewall on your computer and then log in again.

4. How to restore factory default settings?

Remove the back cover, use a pointed object like a toothpick or paper clip to press and hold the RST button for 15 seconds to restore defaults.

> ⓘ **CAUTION**
> The reset button only works within 10 minutes after the camera is powered on.